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wherein said searching is performed at a time prior to said demodulating said
paging channel.

REMARKS

Claims 1-11 are pending in the application. Claims 1-11 are rejected by the Examiner. Claims 5, 7 and 8 are rejected under 35 USC 103(a) as being unpatentable over Bruckert (5,920,549) and Gosh (6,018,667), and claims 1-4, 6, 9-11 are rejected further in view of Willy (6,138,034).

Applicant has amended claims 1, 3, 5, and 7, and cancelled claims 2, 6, 8, 9, 10 and 11. Claims 1, 3, 5, and 7 are presented for examination and allowance. Claims 1, 3, 5, and 7 are allowable in view of the cited prior art. Applicants note that the cited prior art, individually or in combination do not disclose nor suggest each and every limitations of the claims 1, 3, 5, and 7.

For example, claim 1 is for a system for receiving paging channels. The system includes a searcher coupled to a control system for detecting correlation energy of several pilot channels and for determining whether the correlation energy exceeds a threshold. As a result, a number of best base stations are determined. The searcher is also for demodulating at least two quick paging channels associated with the best base stations. A demodulation element coupled to the searcher is for demodulating paging channels transmitted from the best base stations. Moreover, the timing of the paging channels are substantially overlapping and based on timing of at least one of said quick paging channels. In addition, a combiner is for soft combining paging messages received from the best base stations, and a decoder for decoding soft decision data from the demodulation element.

REQUEST FOR ALLOWANCE

In view of the foregoing, Applicants submit that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application is earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

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By: S. Hossain Beladi

S. Hossain Beladi
Reg. No. 42,311
Attorney for Applicant

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121
Telephone: (858) 651-4470
Facsimile: (858) 658-2502